

DRAWING 1
SENSITIVITY OF THE HUMAN EYE
3/15/01, B.L.

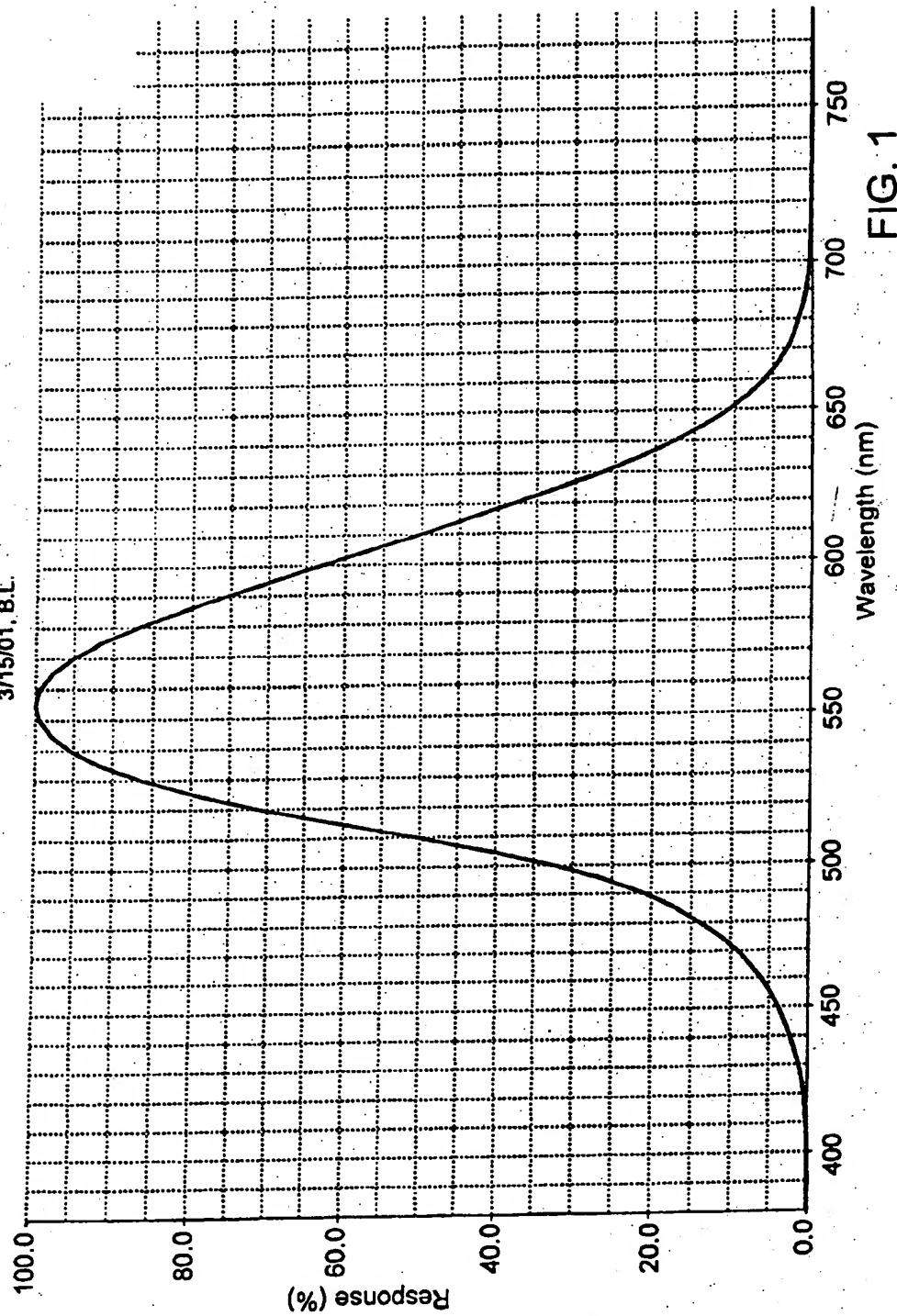


FIG. 1

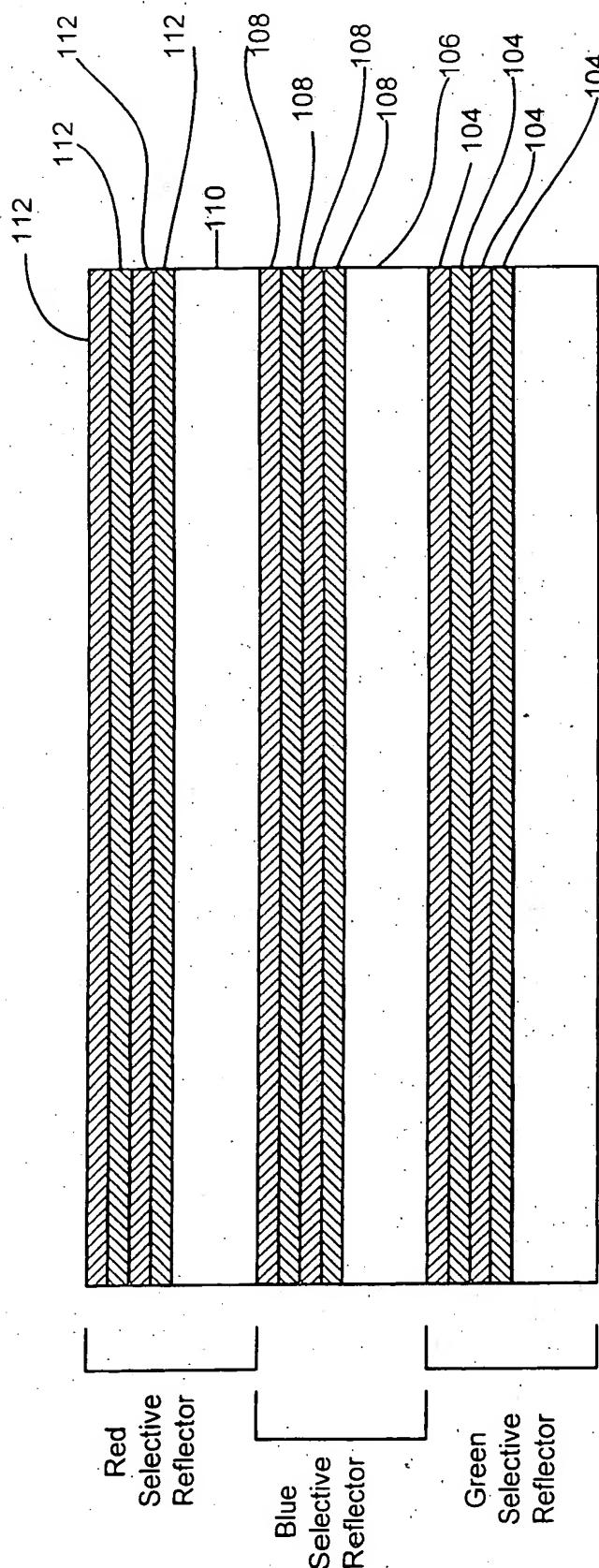


FIG. 2 Prior Art

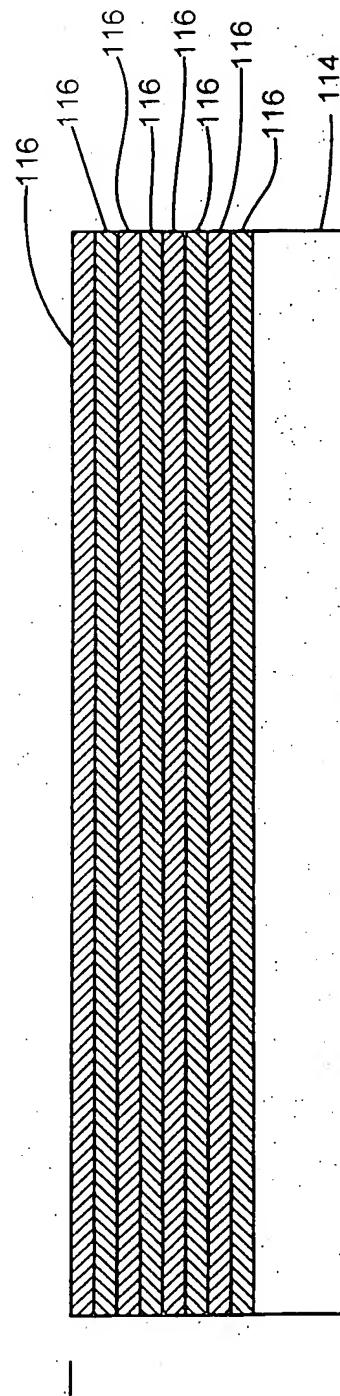


FIG. 3

FIG. 4A

Material	Thickness(nm)	Material	Thickness(nm)
Si	600		
SiO ₂	3.30	SiO ₂	23.91
Nb ₂ O ₅	3.30	Nb ₂ O ₅	23.91
SiO ₂	50.34	SiO ₂	100.00
Nb ₂ O ₅	50.34	Nb ₂ O ₅	100.00
SiO ₂	100.00	SiO ₂	26.48
Nb ₂ O ₅	100.00	Nb ₂ O ₅	26.48
SiO ₂	59.38	Nb ₂ O ₅	97.79
Nb ₂ O ₅	59.38	SiO ₂	97.79
SiO ₂	100.00	SiO ₂	100.00
Nb ₂ O ₅	100.00	Nb ₂ O ₅	100.00
SiO ₂	15.15	Nb ₂ O ₅	6.01
Nb ₂ O ₅	15.15	SiO ₂	6.01
SiO ₂	99.45	SiO ₂	35.12
Nb ₂ O ₅	99.45	Nb ₂ O ₅	35.12
SiO ₂	43.95	Nb ₂ O ₅	28.25
Nb ₂ O ₅	43.95	SiO ₂	28.25
SiO ₂	48.60	SiO ₂	19.65
Nb ₂ O ₅	48.60	Nb ₂ O ₅	19.65
SiO ₂	55.28	Nb ₂ O ₅	30.09
Nb ₂ O ₅	55.28	SiO ₂	30.09
SiO ₂	70.29	SiO ₂	4.27
Nb ₂ O ₅	70.29	Nb ₂ O ₅	4.27
SiO ₂	78.38	Nb ₂ O ₅	21.91
Nb ₂ O ₅	78.38	SiO ₂	21.91

FIG. 4B

Material	Thickness (nm)
SiO ₂	118.12
Nb ₂ O ₅	97.99
SiO ₂	144.36
Nb ₂ O ₅	63.14
SiO ₂	159.07
Nb ₂ O ₅	92.24
SiO ₂	68.79
Nb ₂ O ₅	47.51
SiO ₂	74.24
Nb ₂ O ₅	62.77
SiO ₂	158.03
Nb ₂ O ₅	97.99
SiO ₂	257.58
Nb ₂ O ₅	131.25
SiO ₂	99.71
Nb ₂ O ₅	65.78

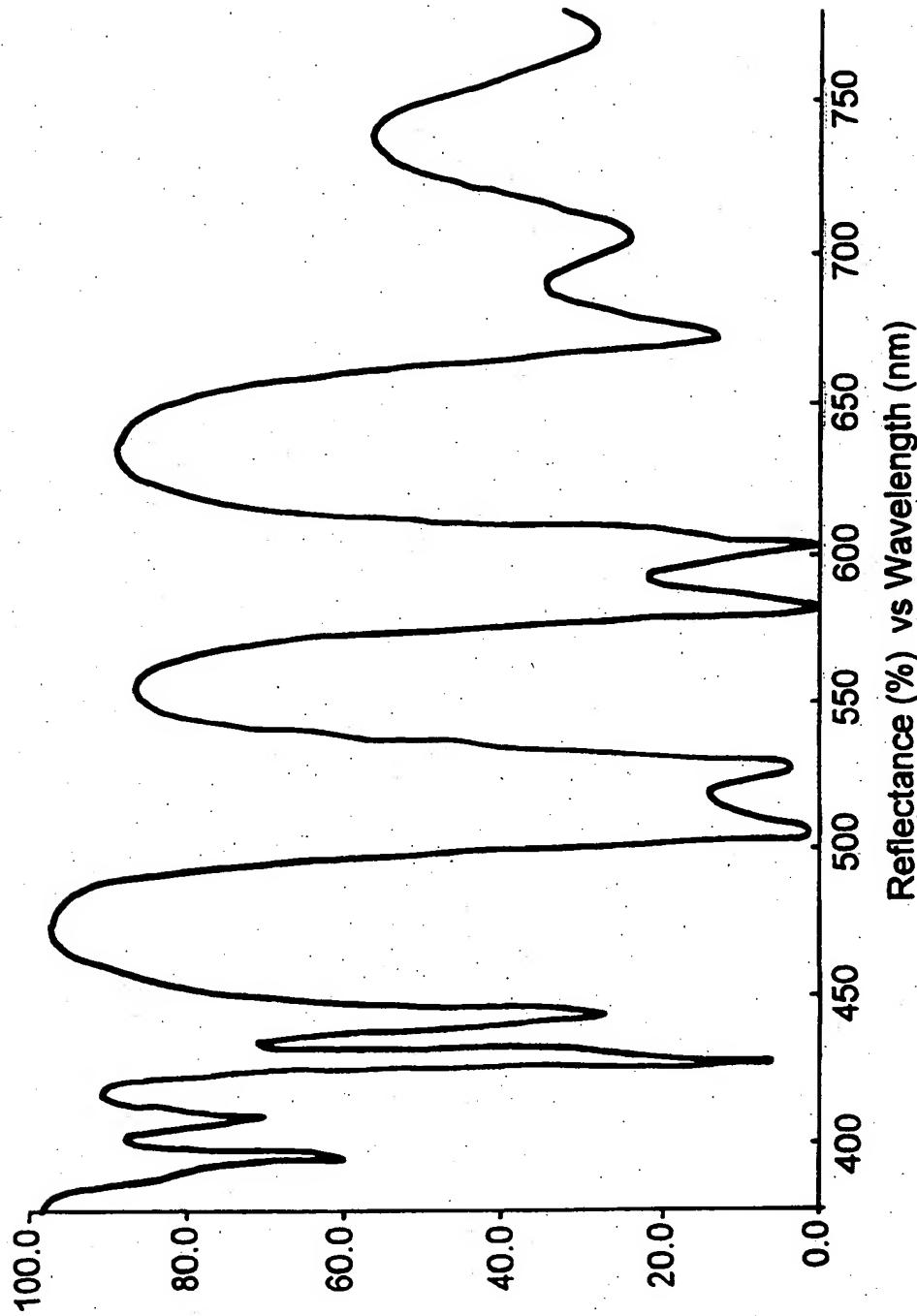


FIG. 5A

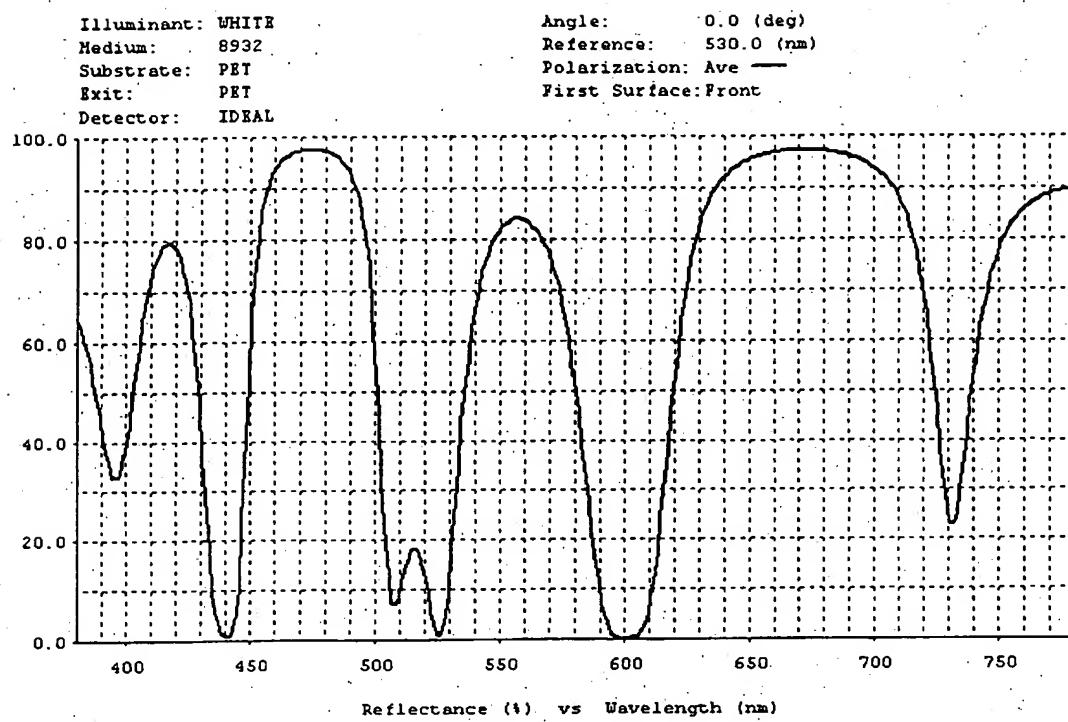


FIG. 5B

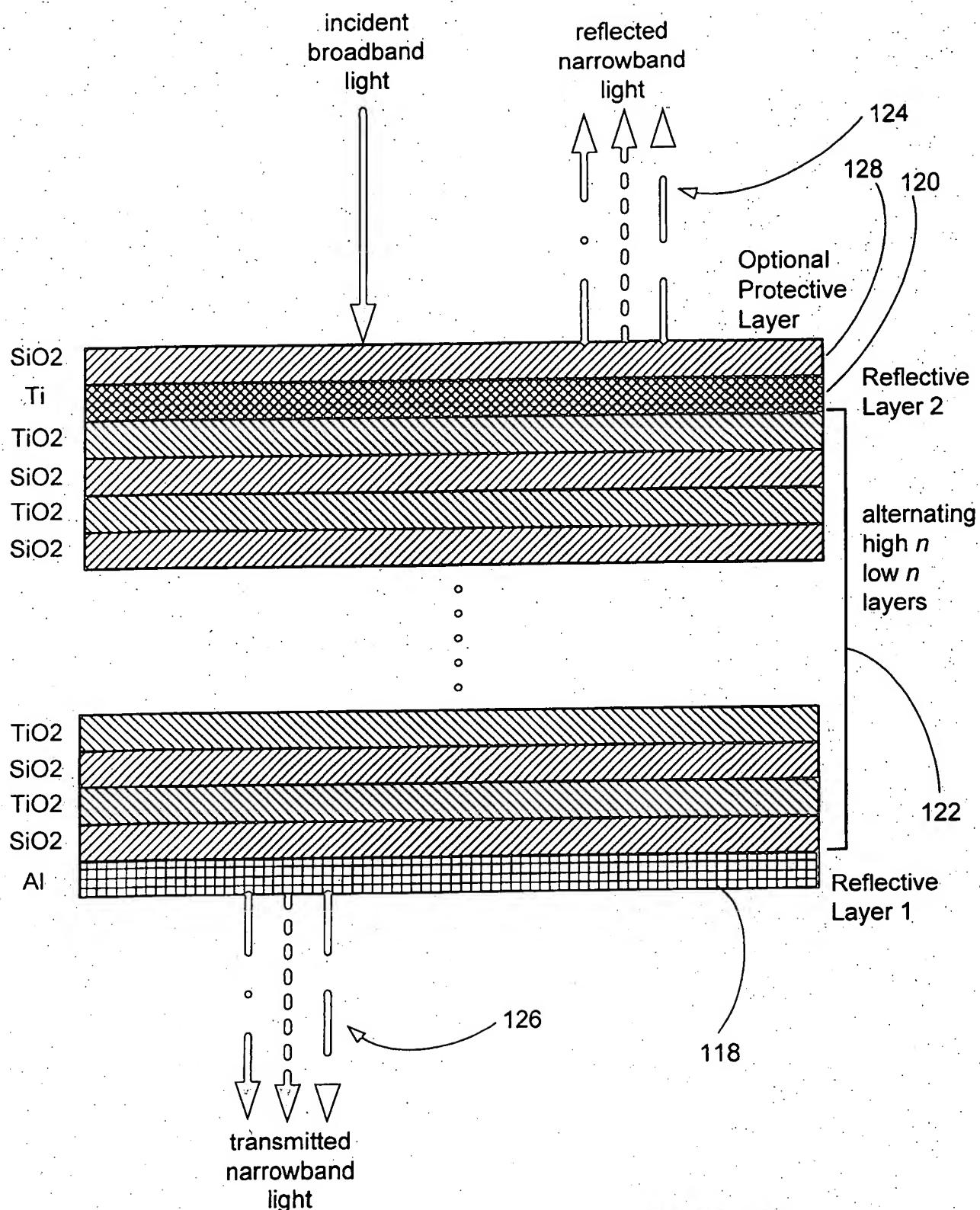


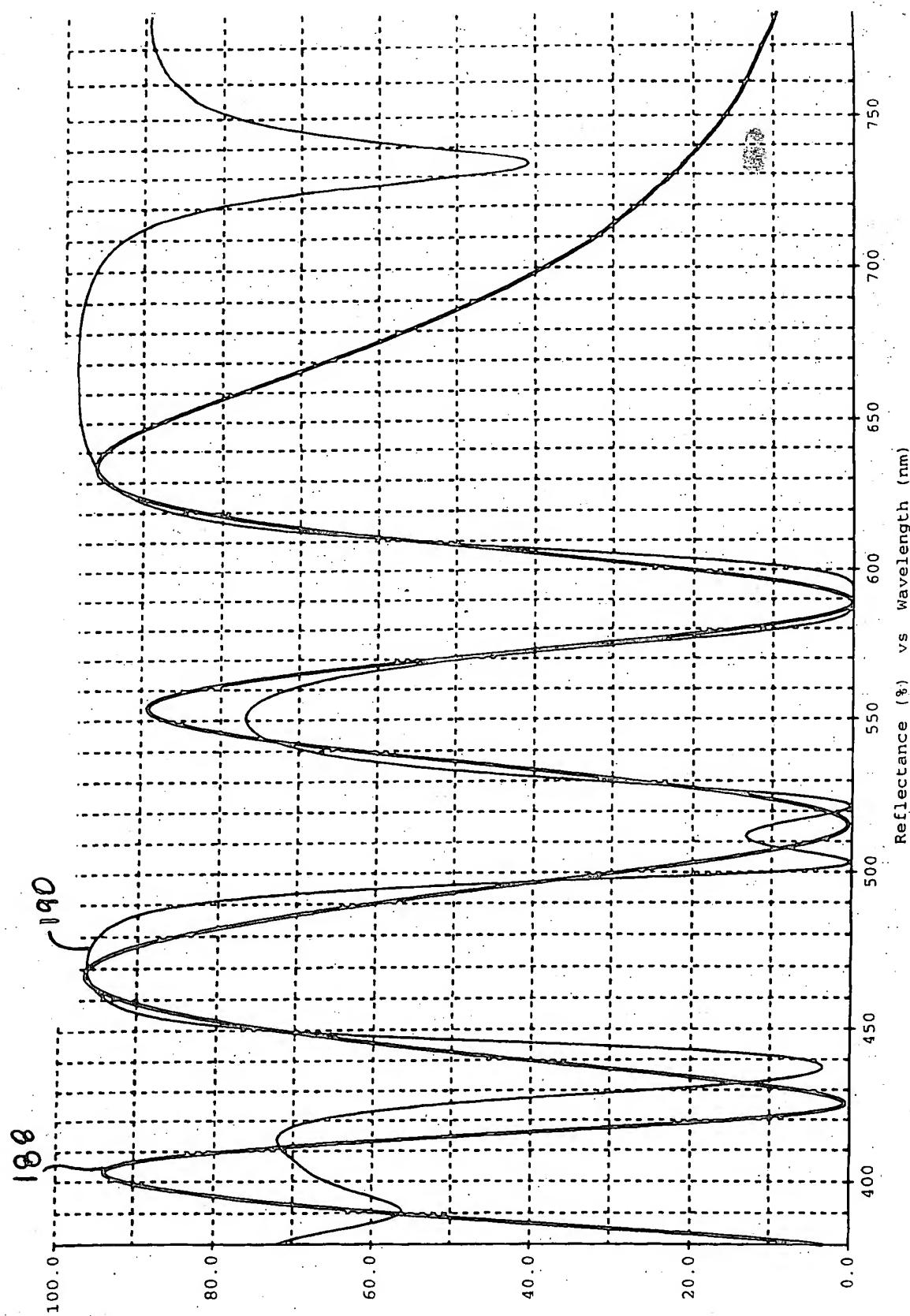
FIG. 6

FIG. 7

Material Thickness (nm)

Al	50.0 nm	Reflective Layer 1
SiO ₂	86.7 nm	
TiO ₂	109.0 nm	
SiO ₂	122.8 nm	
TiO ₂	49.1 nm	
SiO ₂	145.5 nm	
TiO ₂	90.0 nm	
SiO ₂	131.5 nm	
TiO ₂	26.8 nm	
Ti	13.3 nm	Reflective Layer 2
SiO ₂	94.7 nm	Optional Protective Layer

Figure 8



EFFECT OF ANGLE ON MULTILAYER COATING
3/14/01, B.L.

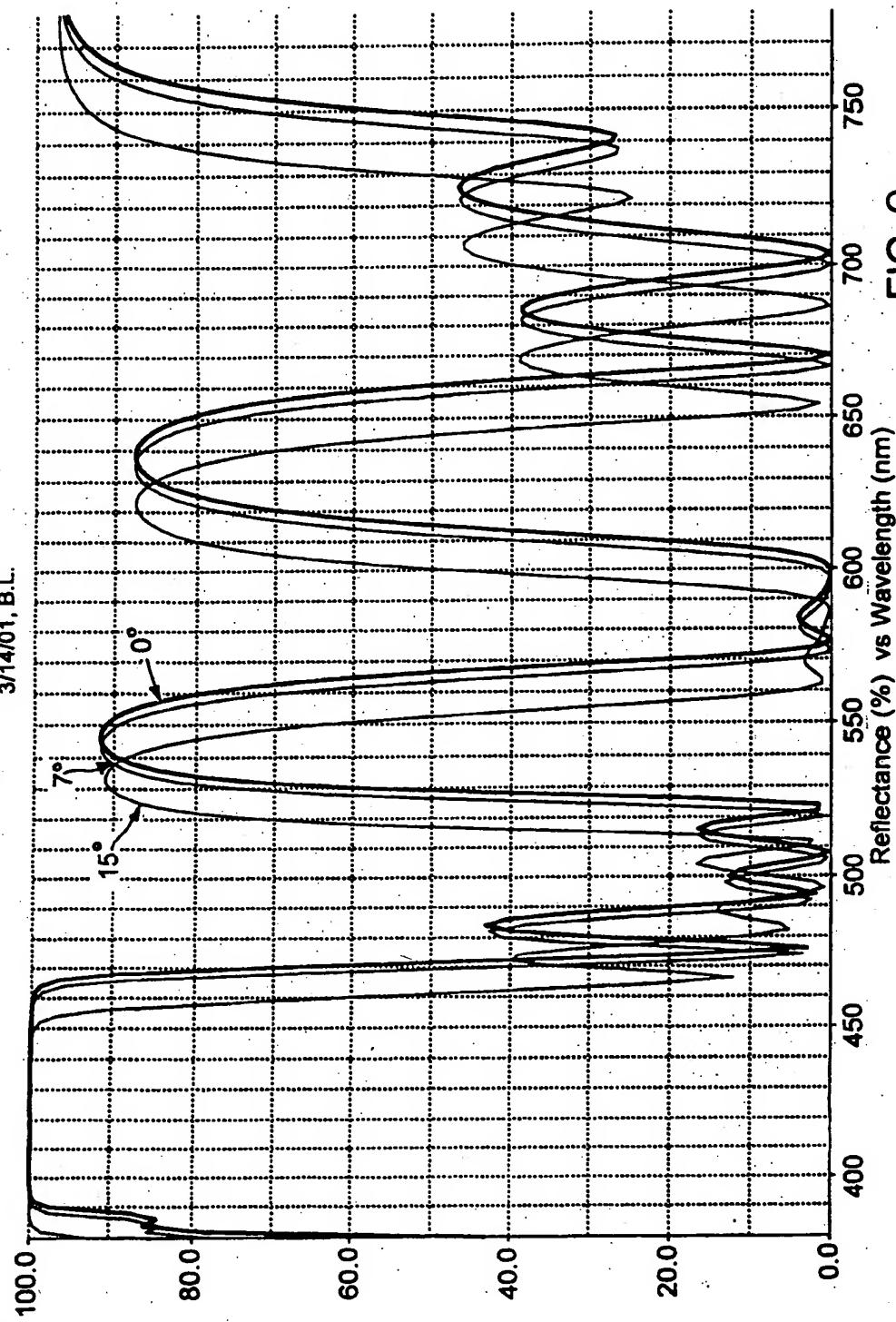
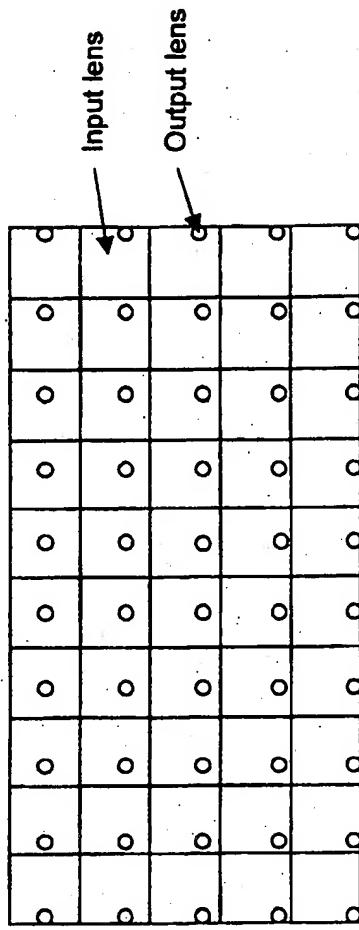


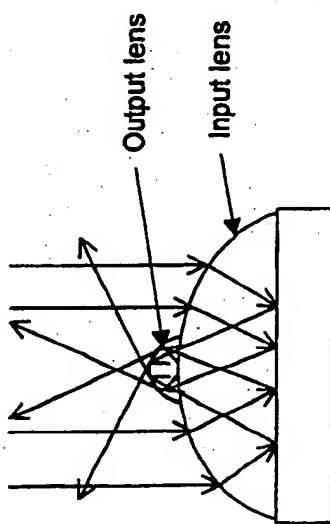
FIG. 9

LAYOUT OF ASYMMETRIC MICROLENSES
9/21/00, B.L.



Front View of Entire Screen

FIG. 10B



Side View of One Lens Set

FIG. 10A

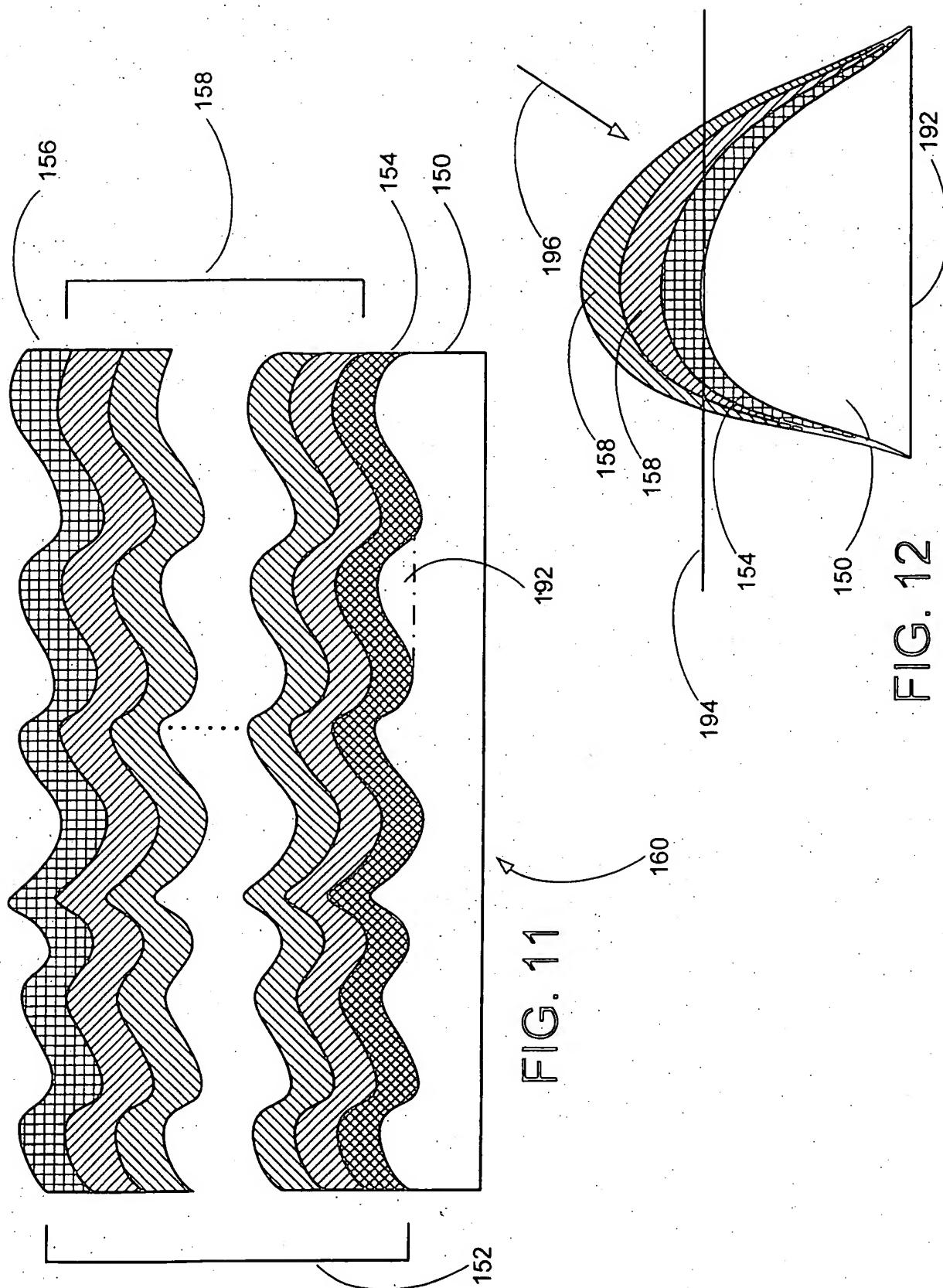


FIG. 12

FIG. 11

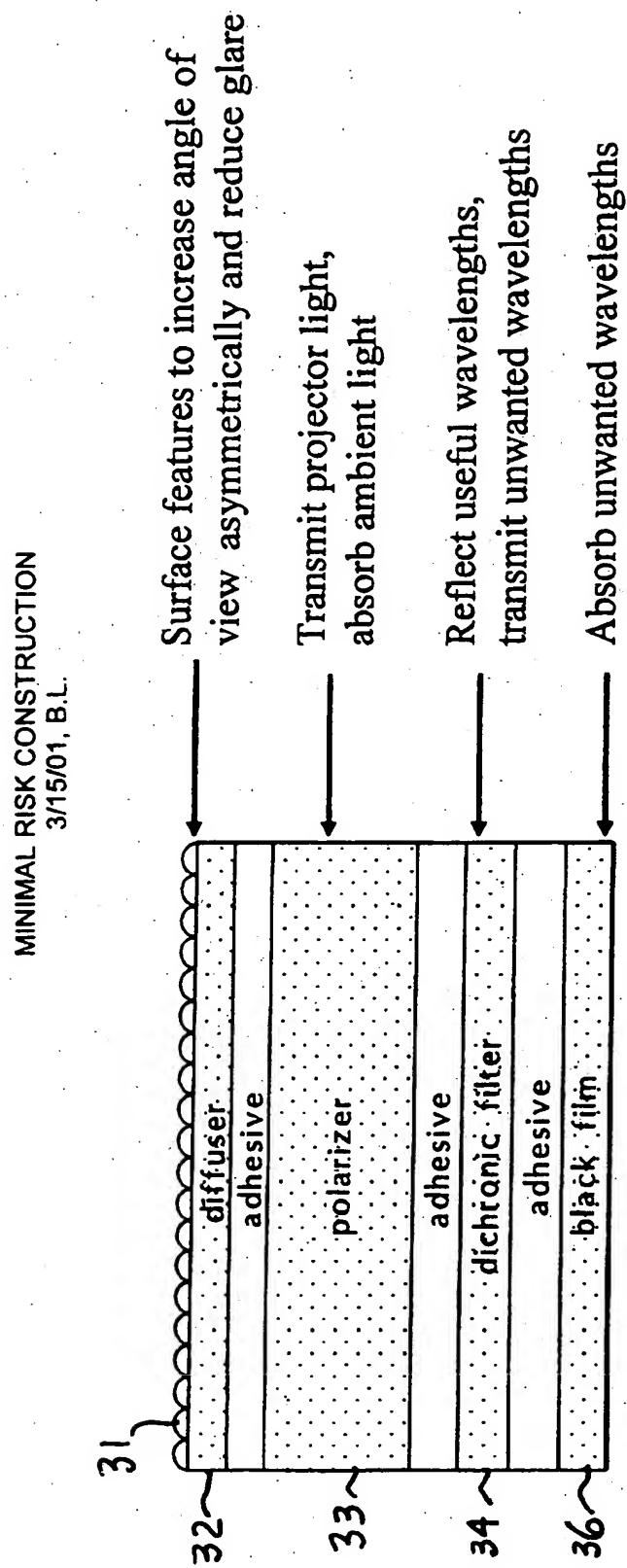


FIG.13

ADVANCED CONSTRUCTIONS
5/31/01, B.L.

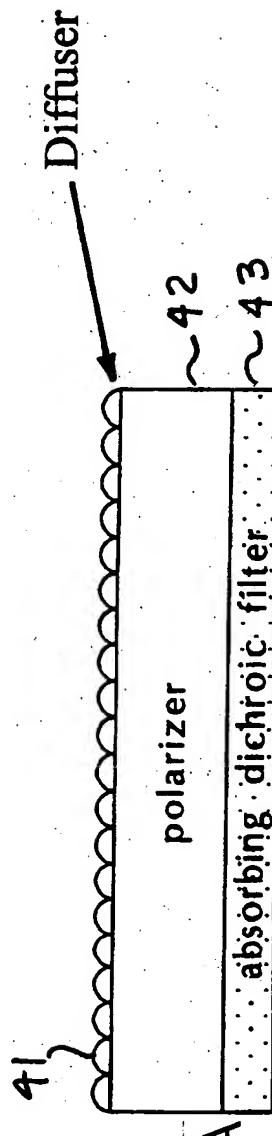


FIG.14A

a. Front surface diffuser only

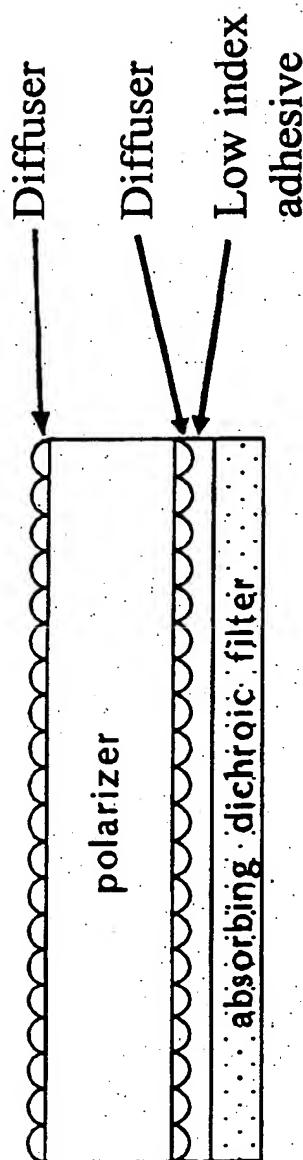


FIG.14B

b. Front surface diffuser and immersed diffuser

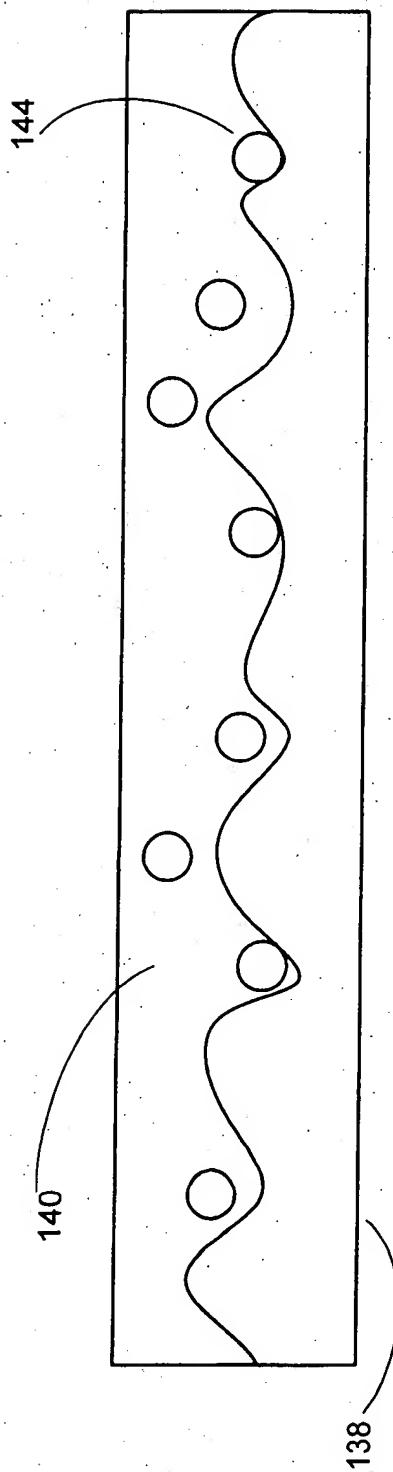


FIG. 15A

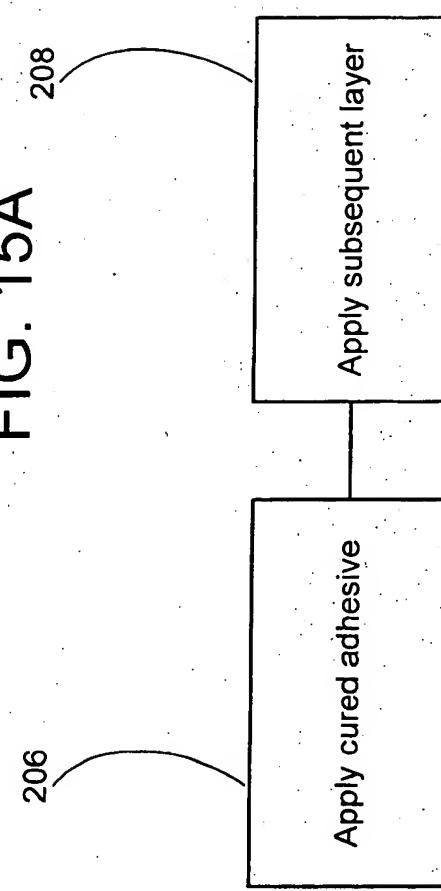
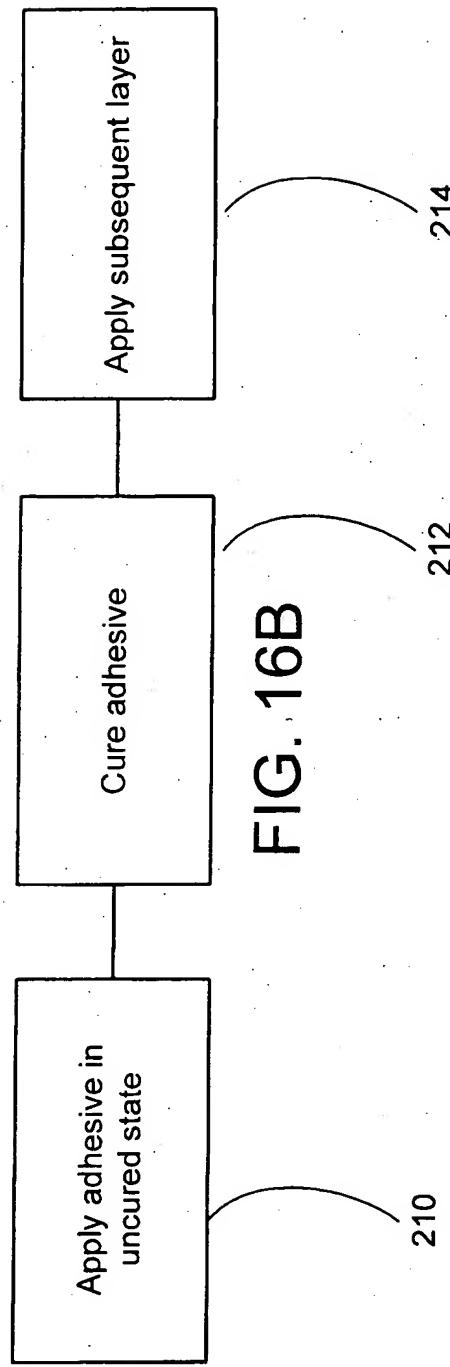
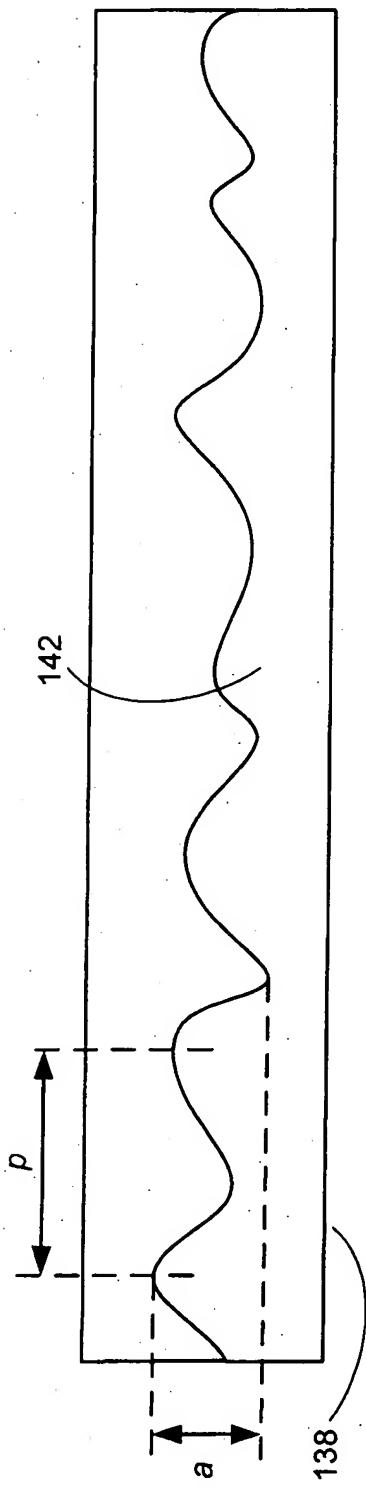


FIG. 15B



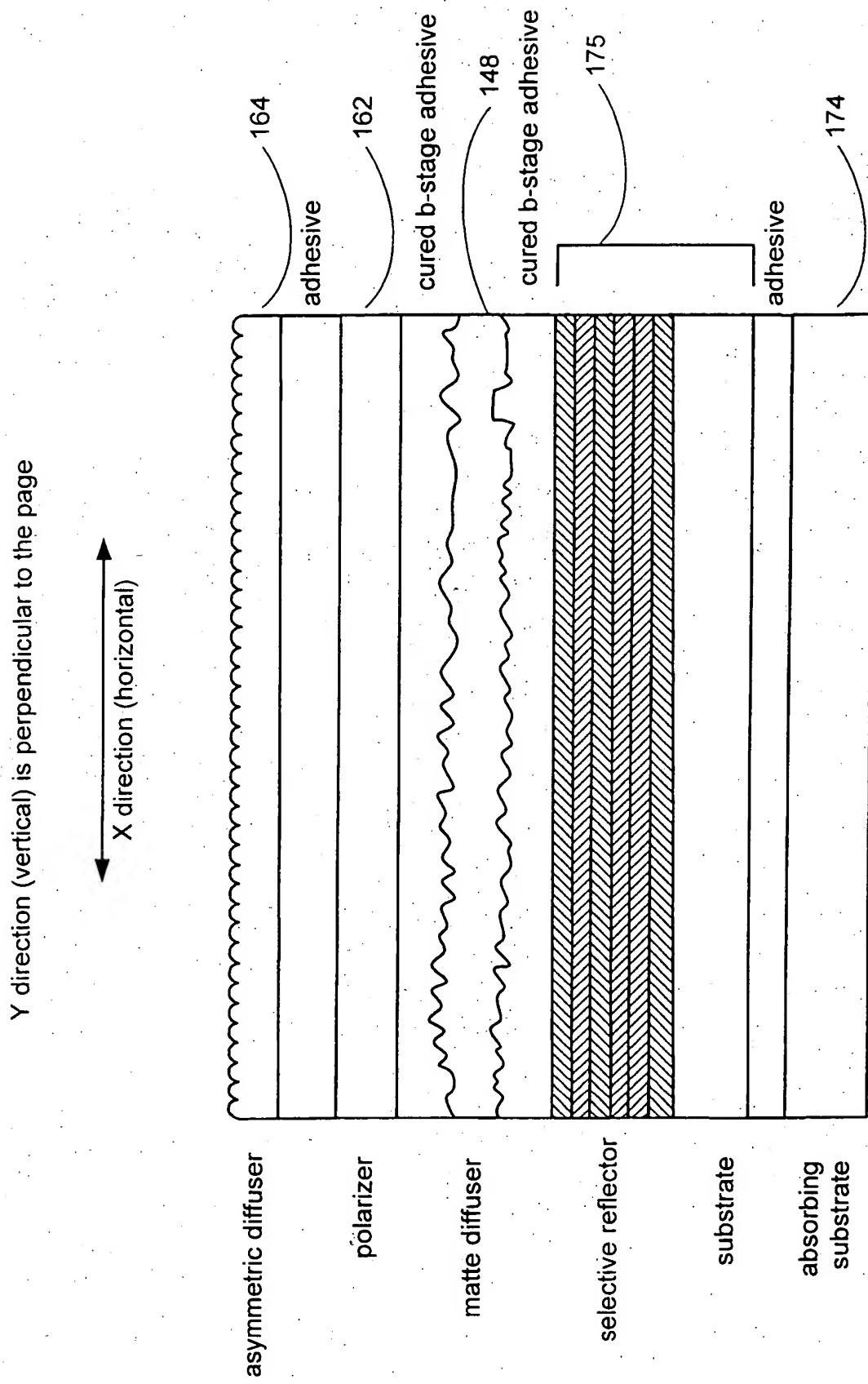


FIG. 17A

Y direction (vertical) is perpendicular to the page
X direction (horizontal)

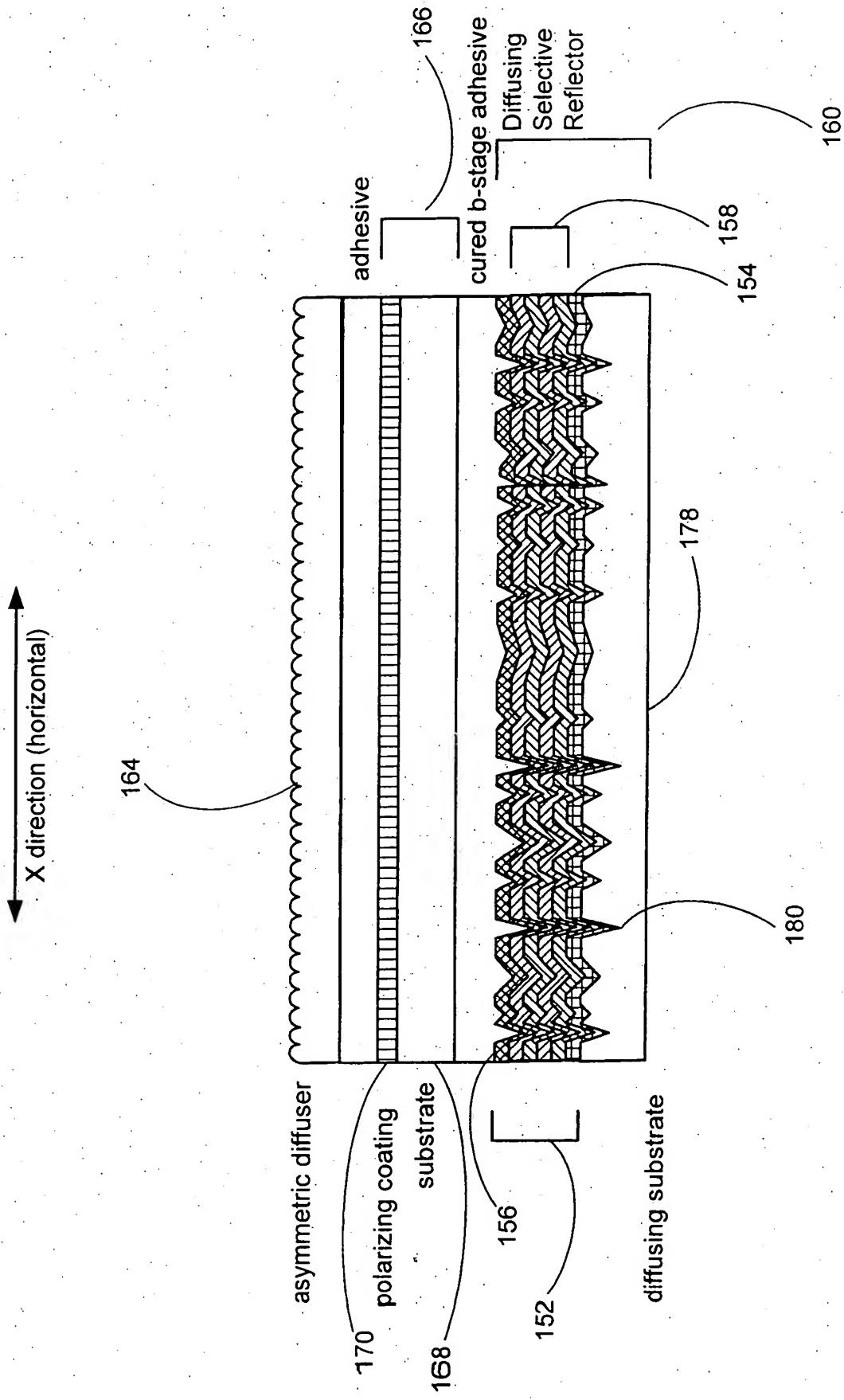


FIG. 17B

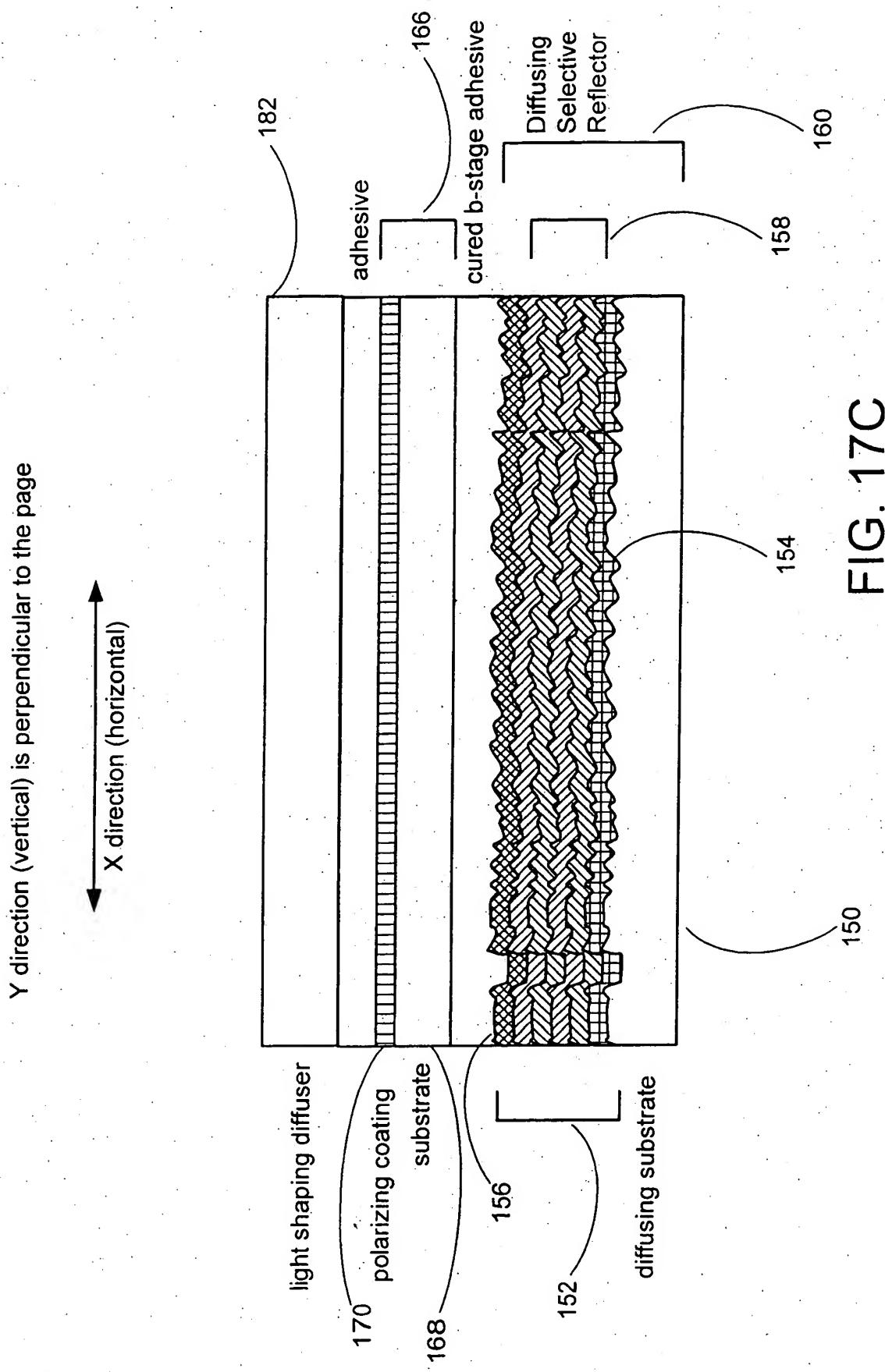


FIG. 17C

Y direction (vertical) is perpendicular to the page

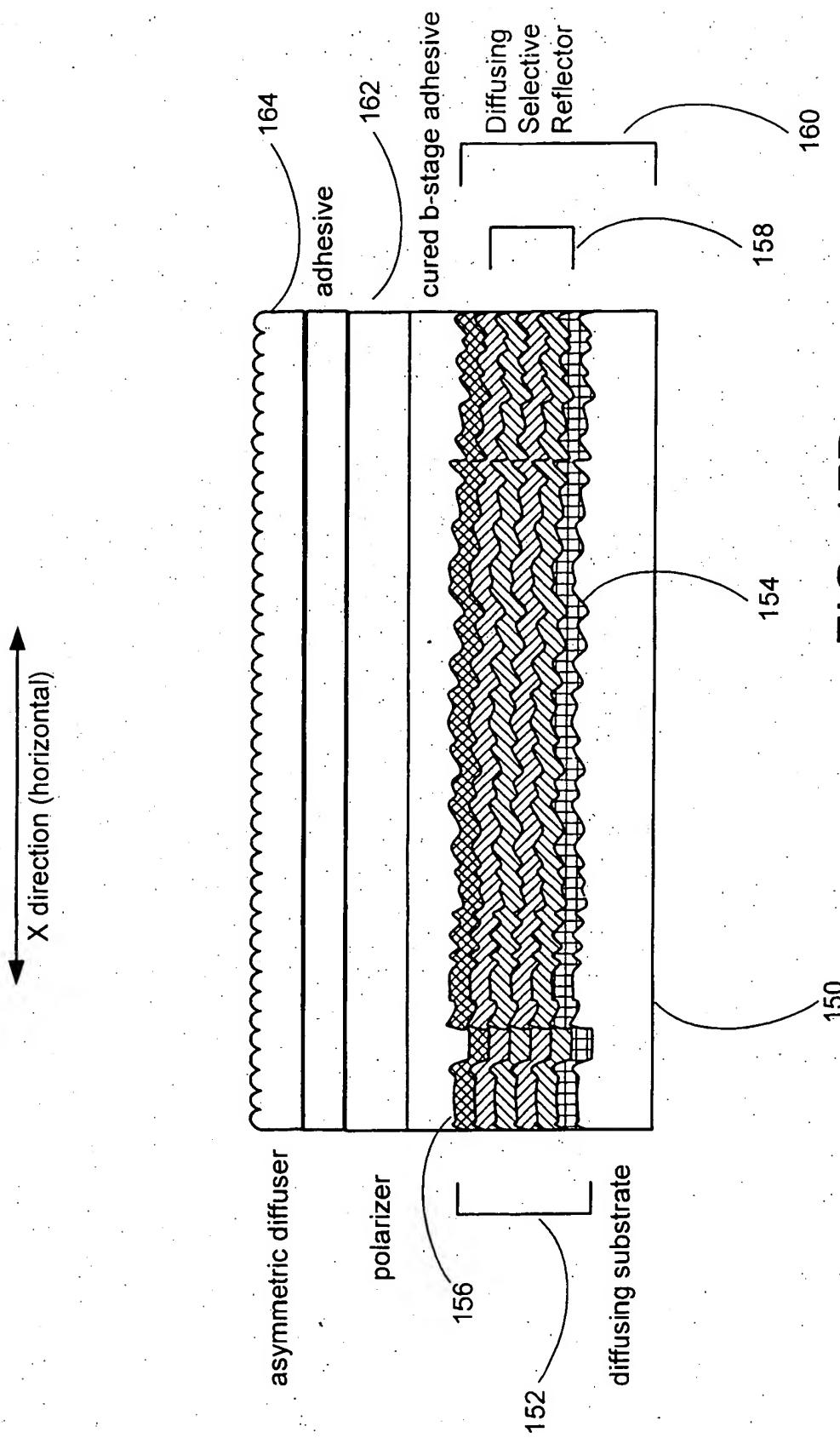
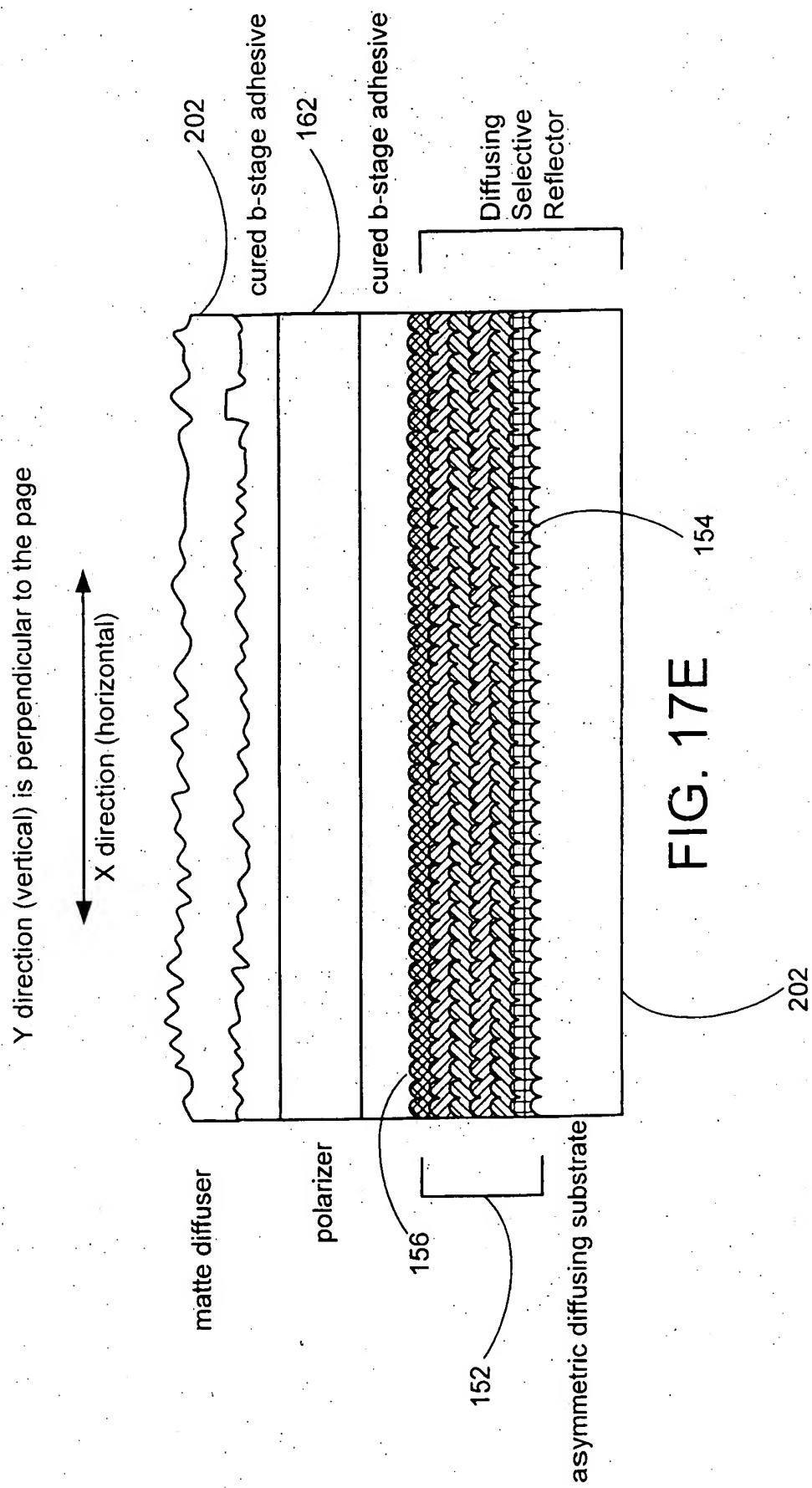


FIG. 17D



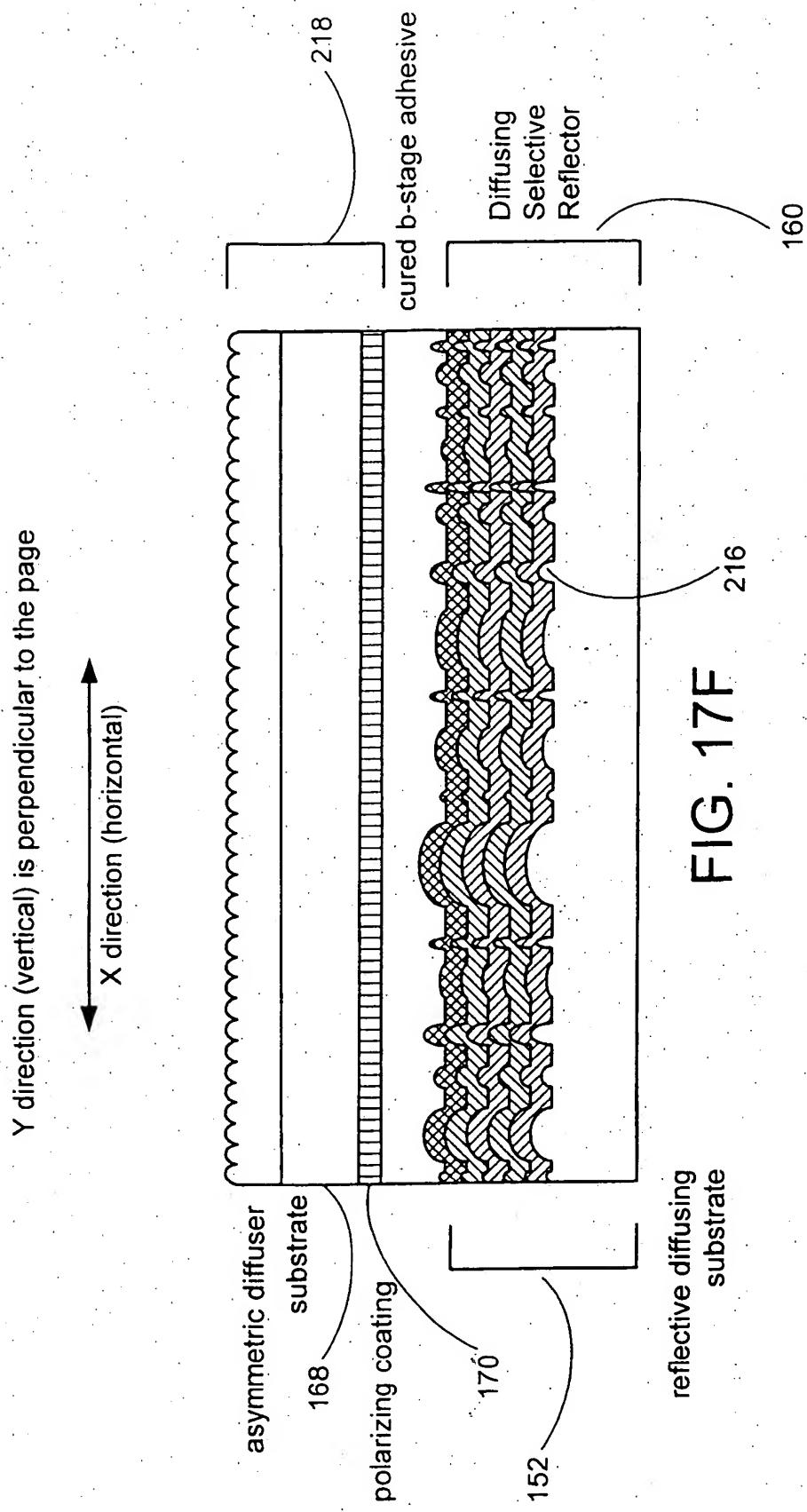


FIG. 17F

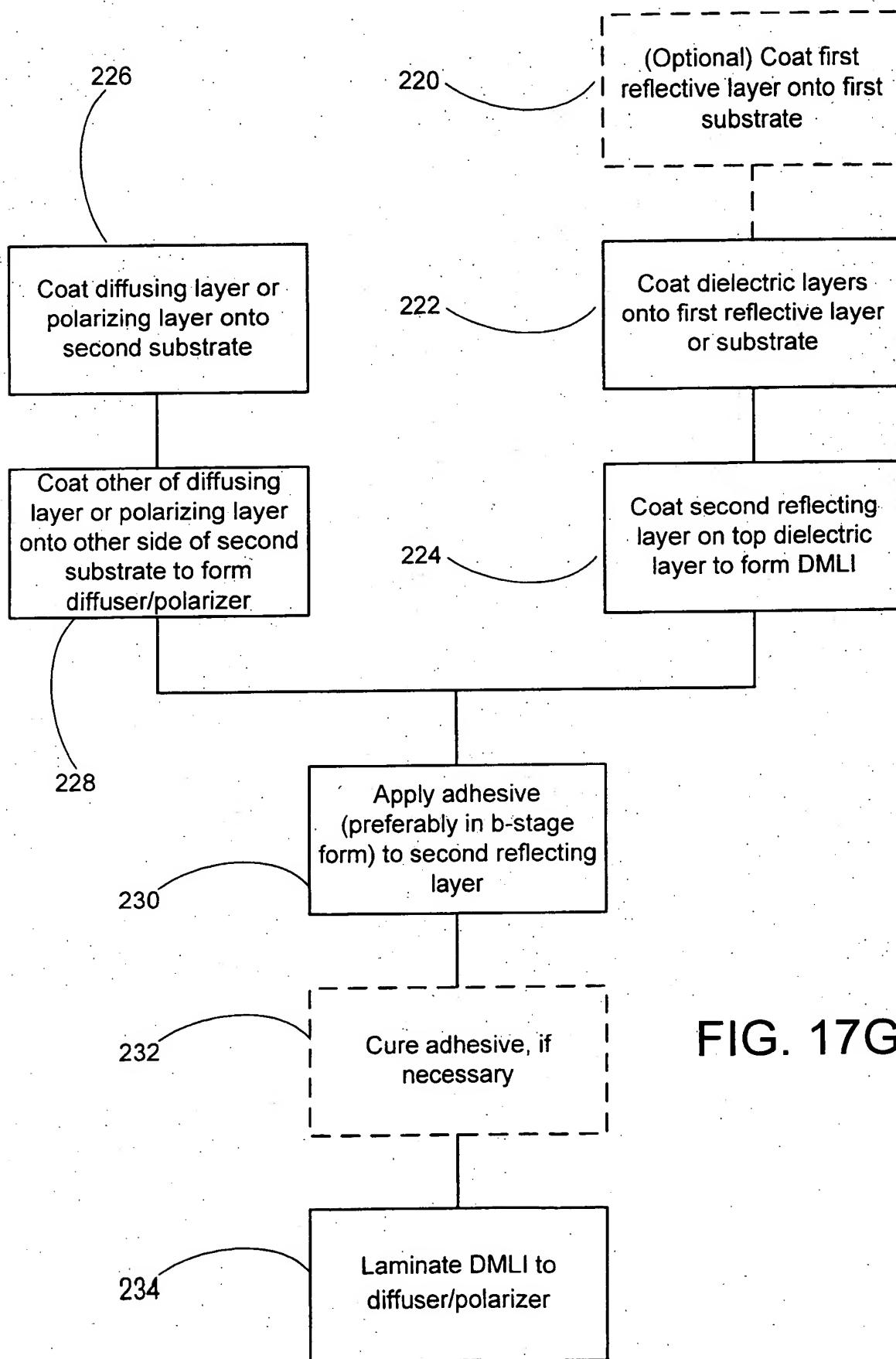


FIG. 17G

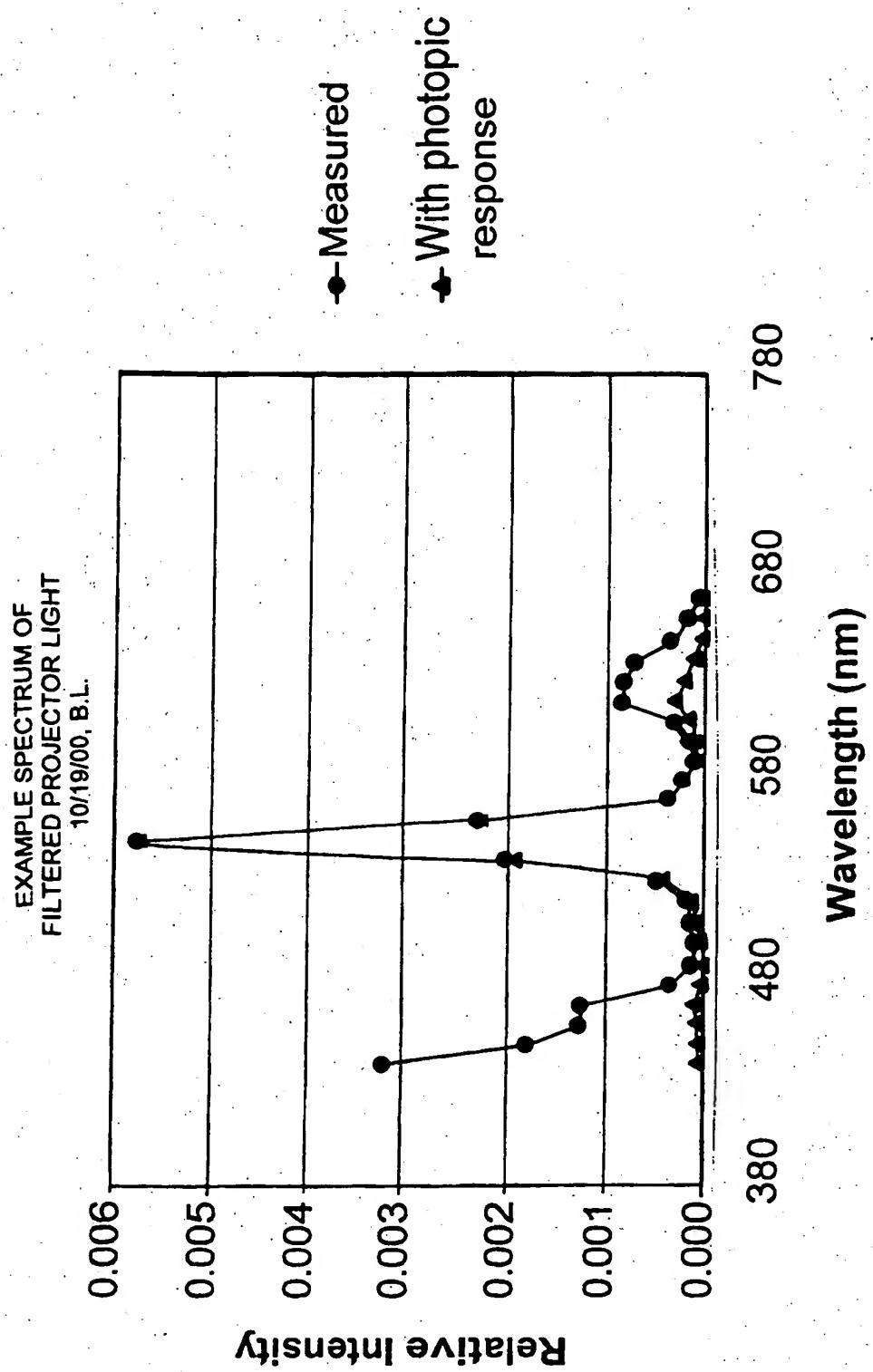


FIG. 18

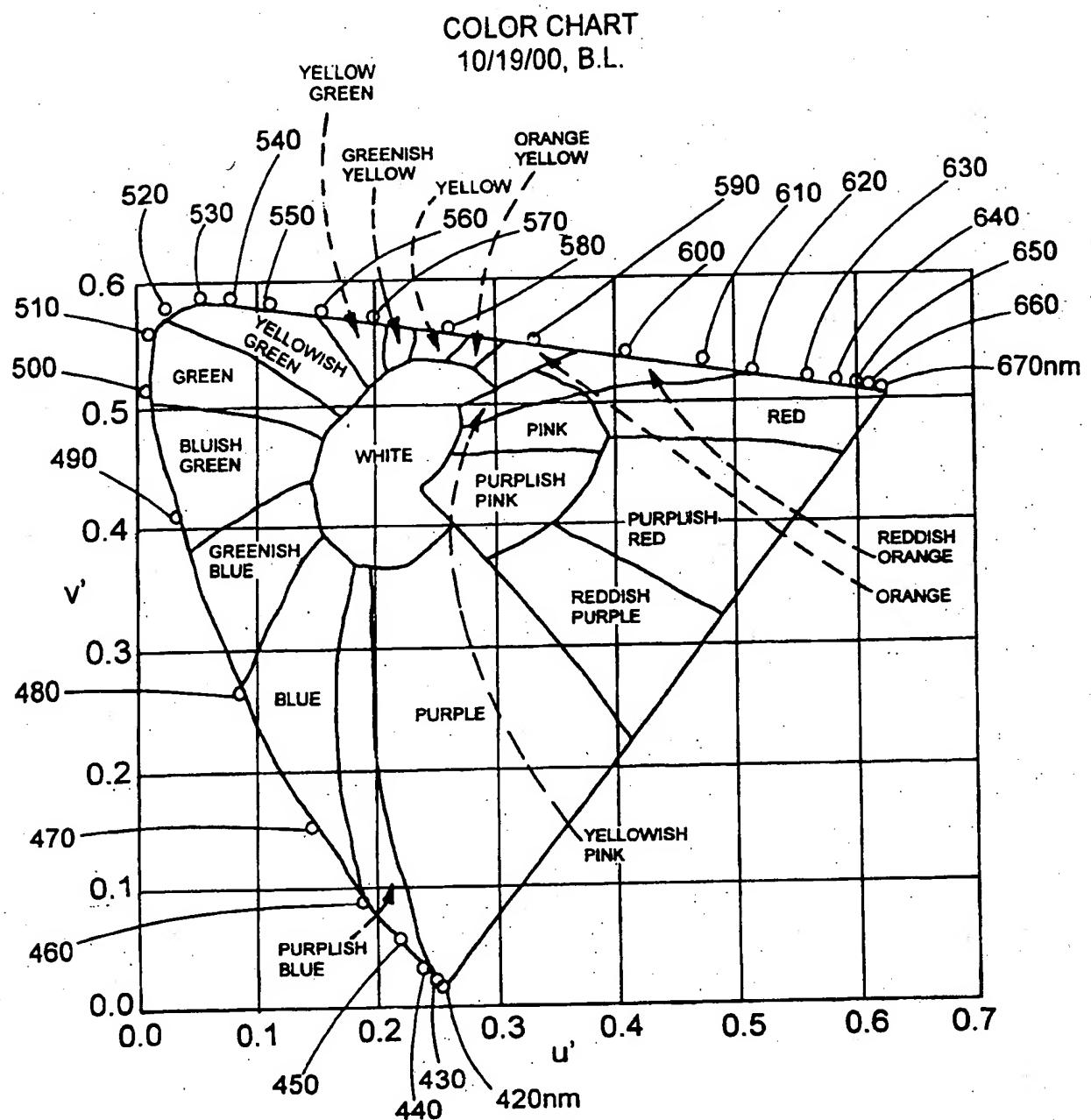


FIG. 19

IMPROVED COLOR PERFORMANCE
3/15/01, B.L.

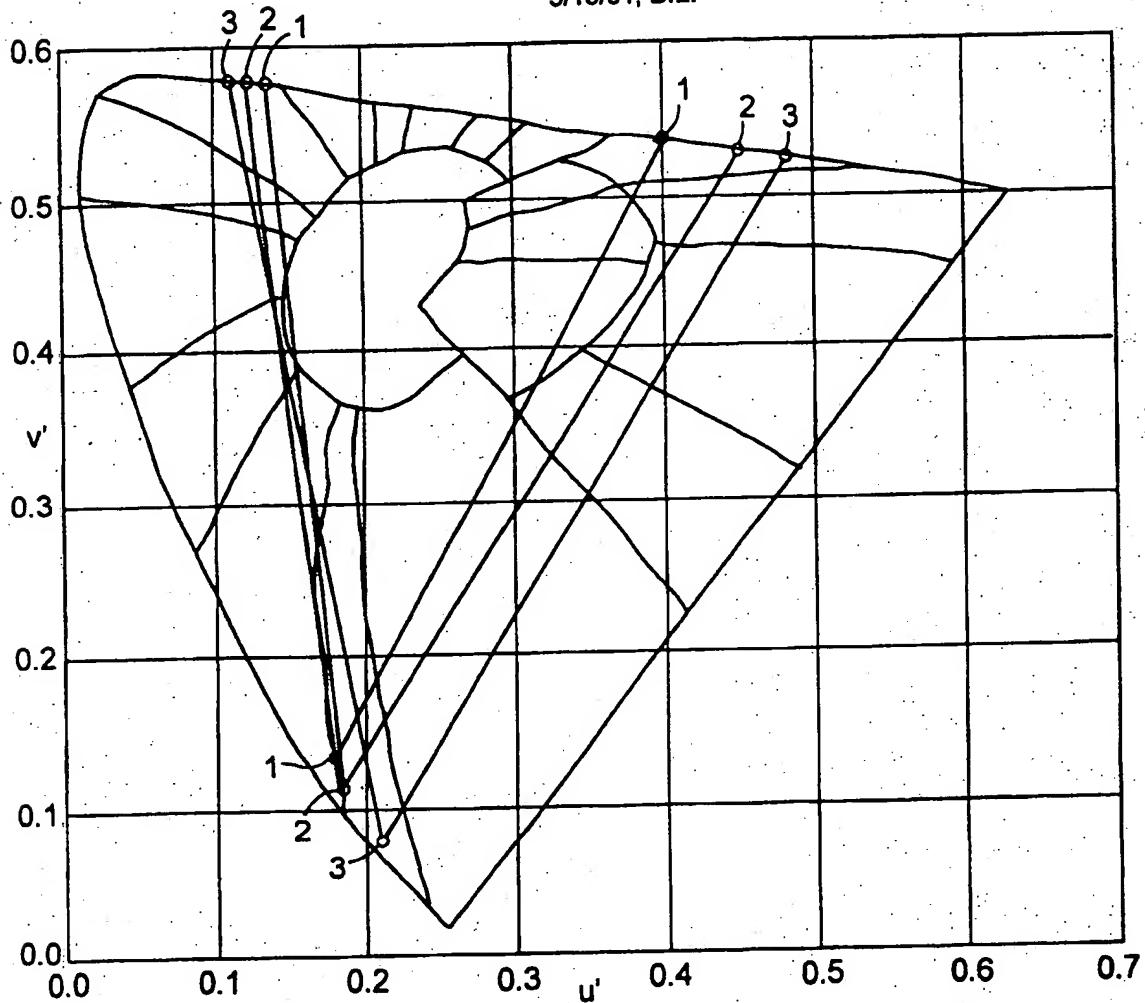


FIG. 20

1= projector on white screen
2= filtered projector on white screen
3= filtered projector on new screen

FIG. 21A

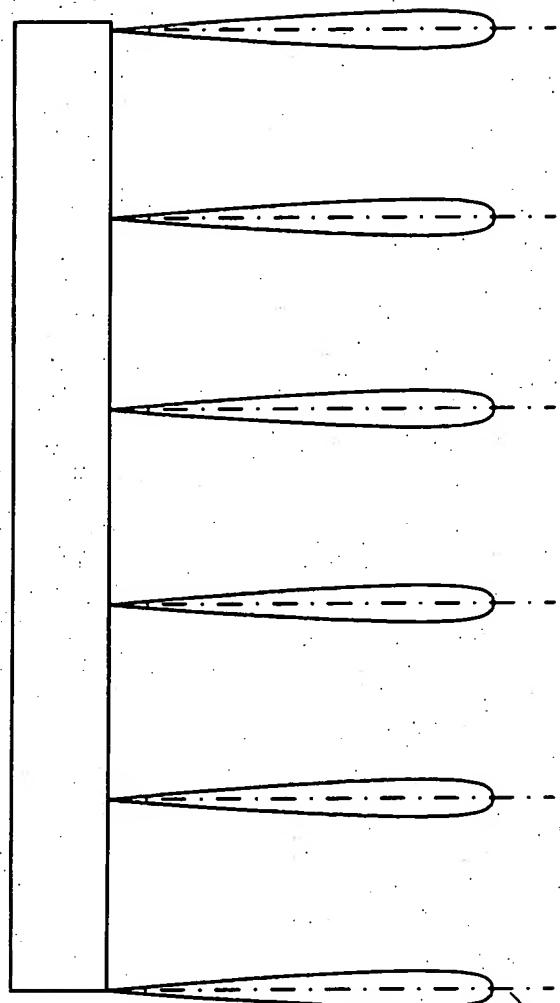
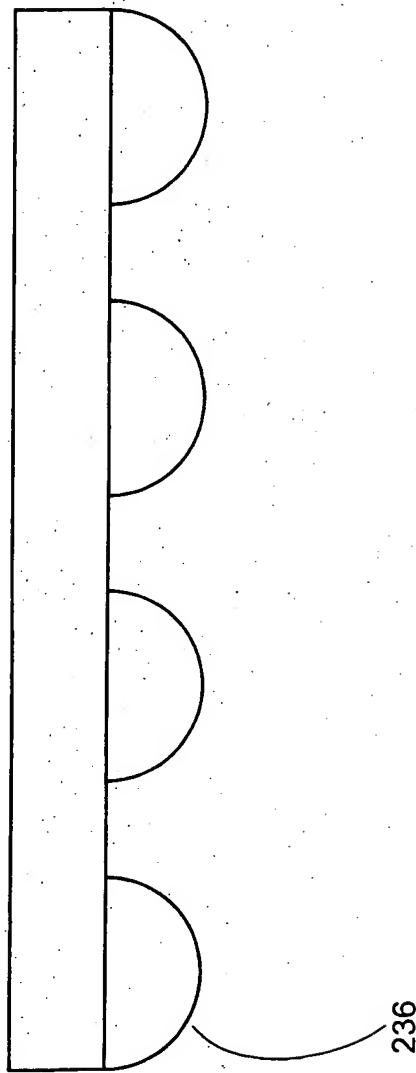


FIG. 21B

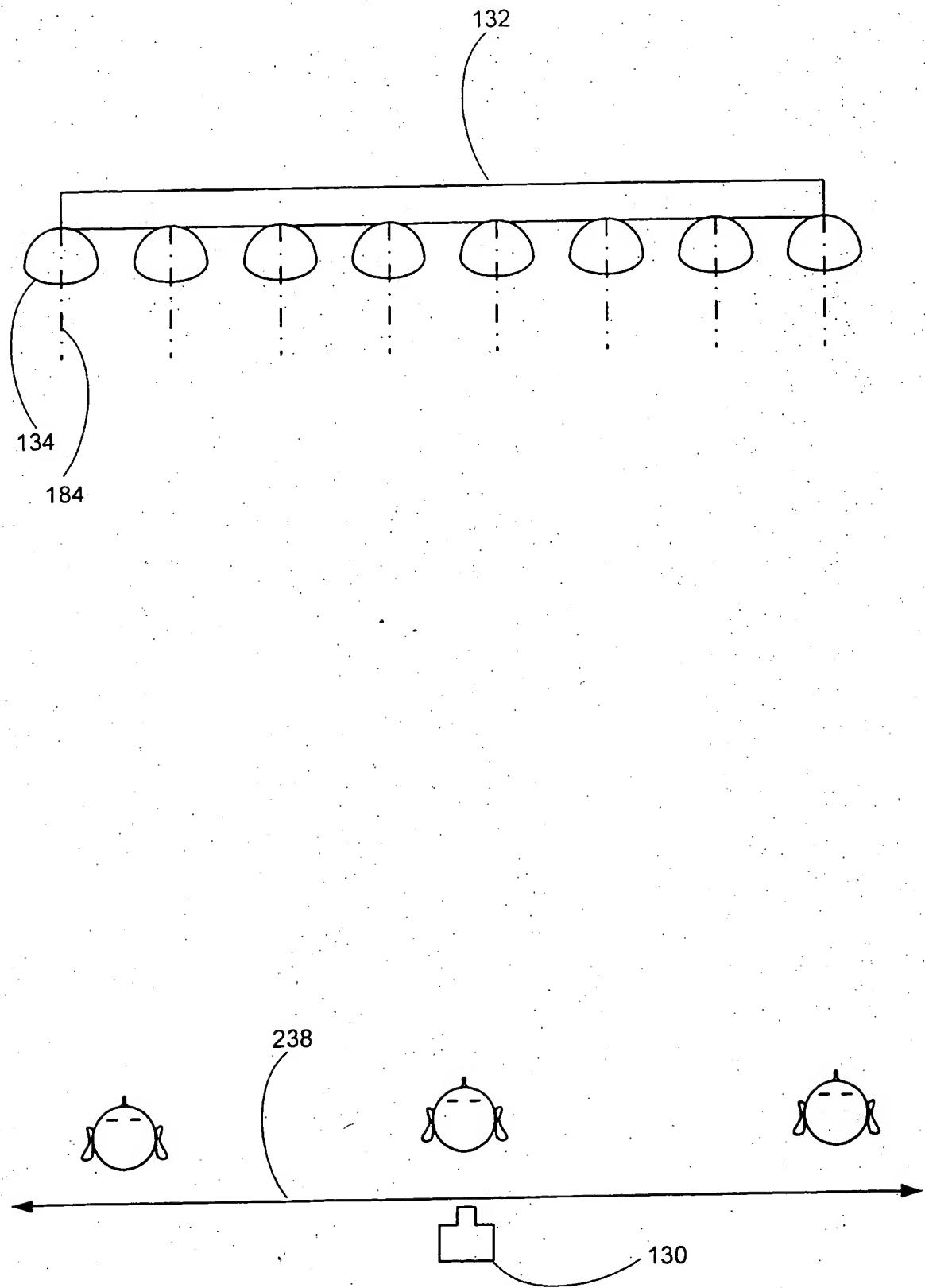


FIG. 22

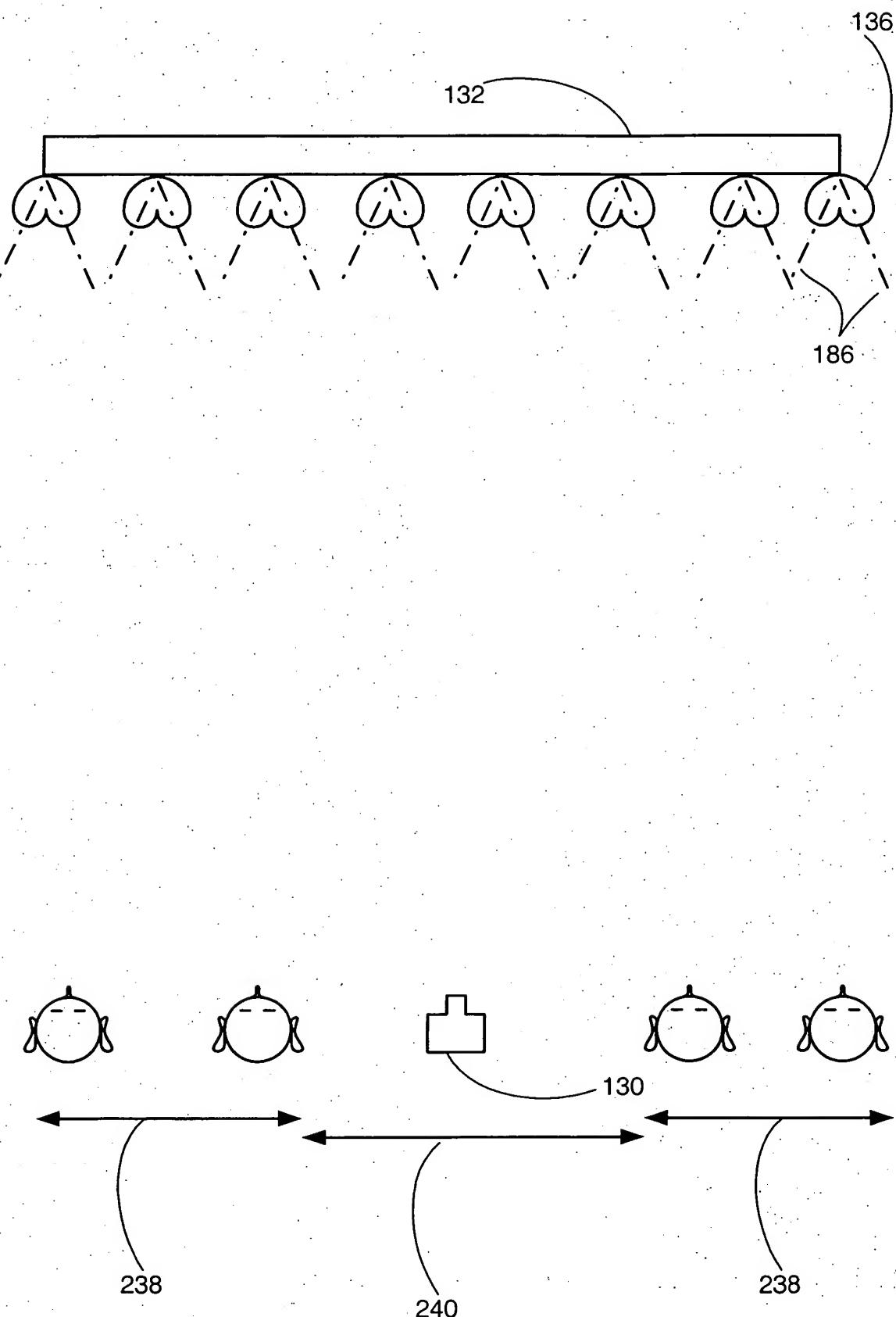


FIG. 23A

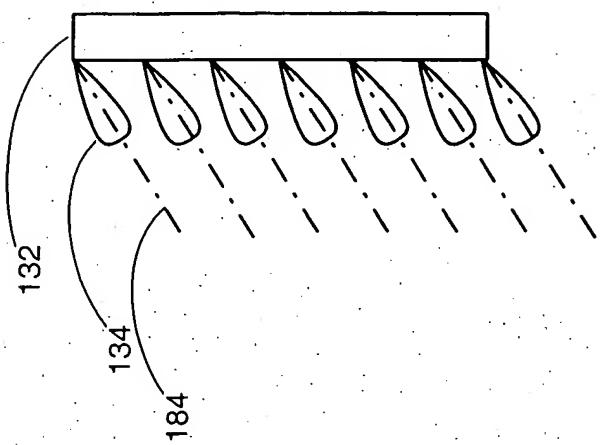
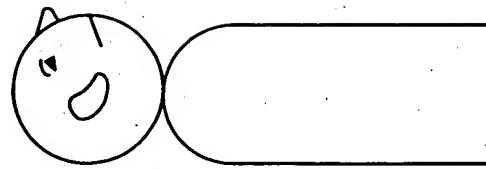


FIG. 23B



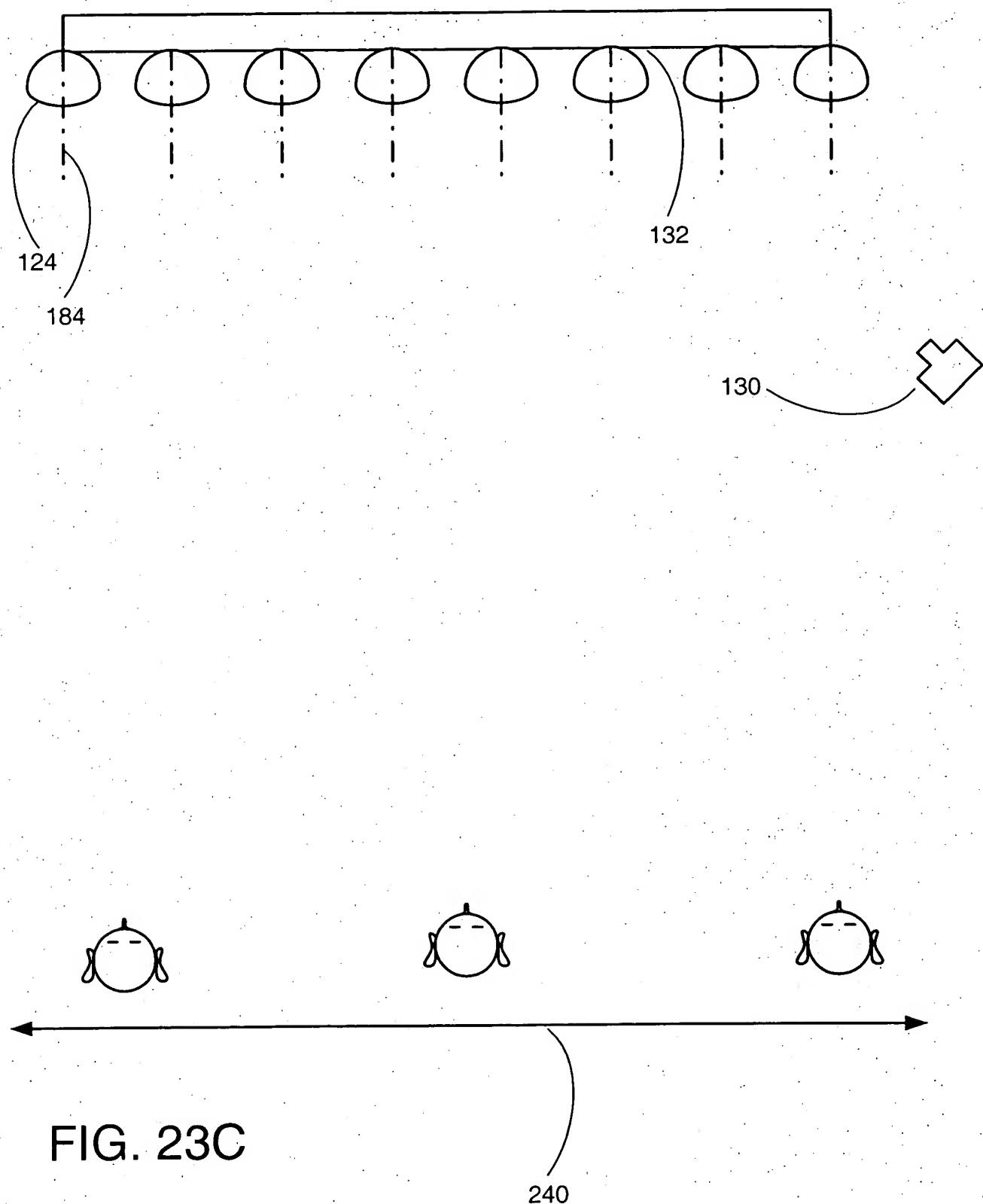


FIG. 23C